

David Bry

www.brytech.dev | dave@brytech.dev | (908) 433-0919
www.linkedin.com/in/dbry23 | Central New Jersey

Senior Software Engineer

Accomplished Senior Software Engineer bringing a commitment to excellence and a deep passion for coding. Known for consistently delivering high-quality results. Adaptable to change and skilled at turning challenges into opportunities with a proven track record of going above and beyond. Empowers, prepares, and mentors bootcamp students for entry level software engineer roles providing key programming concepts and skills needed to demonstrate technical proficiency. Expertly investigates, discovers, and solves technical problems providing improved user experience. Seeking employment in an organization with a “karma-positive” mission—one that makes a meaningful difference in the world.

Technical Proficiencies

Languages: C#, Java, SQL, HTML, CSS, JavaScript (ES6), SQL, Transact-SQL, Bash, Markdown, PHP

Libraries/Frameworks: .NET, ASP.NET, Spring Boot, MSTest, JUnit, LINQ, FluentMigrator, Entity, Vue.js, Express.js, React

Database Platforms: Microsoft SQL Server, PostgreSQL, SQLite

Software & Tools: Git, GitHub, GitLab, Visual Studio, VS Code, IntelliJ, Docker, Docker Compose, Netlify, npm

Industry Concepts: Full-stack, front-end, back-end, object-oriented, RDBMS, REST API, CI/CD, unit testing, version control, cloud

Areas of Expertise

- Agile Methodology
- Subject Matter Expert
- Continuous Learner
- Front End
- Back End
- Product Development
- Mentor/Coach
- Troubleshooting
- Testing
- Technical Support
- Investigative
- Software Debugging
- Leadership
- Project Management
- Communication Skills
- Data Structures
- Algorithms
- Collaborative Team Player

Select Career Accomplishments

- **Leadership & Collaboration** – Led curriculum team in significant refactoring project of SQL curriculum, adding new material, enhancing existing content, and updating later projects to utilize new patterns established. Resulted in greater student understanding of concepts and 63% more students receiving passing exercise scores.
- **Technical Architecture** – Developed curriculum versioning strategy, bundling learning material from over 30 repositories into LMS and cohort repository supporting consumer and enterprise product offerings, enabling Tech Elevator to rapidly iterate curriculum versions supporting more than 500 concurrent students across all programs.
- **Product Design** – Generated more than \$36,000 of additional e-commerce sales by developing new interactive sign designer showing live preview as customer and types and changes font size, color, and positioning.
- **Front End Development** – Saved law firm over \$20,000 annually with internal skills & experience tracking application. Implemented interactive front end based on Photoshop mockups designed by the marketing department.

Career Experience

Curriculum Developer, Tech Elevator, Remote

Jan 2020 - present

- Designed new module capstone based on a popular mobile payment service for students to demonstrate knowledge in client-server REST API applications and SQL backed storage and transactions.
- Created automated testing and scoring process with Docker and running MSTest, JUnit, Cypress, and Mocha unit tests.
- Designed custom Netlify serverless RESTful APIs with Express.js for student labs providing real-world examples of APIs.
- Tech: C#, Java, SQL, ASP.NET, Spring Boot, MSTest, JUnit, SQL Server, PostgreSQL, HTML/CSS/JS, Vue, Cypress, Docker

Web Developer, Bry's Marine, Remote www.brysmarine.com

Oct 2019 – Dec 2019

- Elevated sales 12% with redesigned website built on lightweight CMS with focus on SEO and improved user experience.
- Tech: Grav CMS, PHP/Twig, jQuery, HTML/CSS/JS, DreamHost, Cloudinary

Lead Software Engineer / Software Engineer, Traffic Safety Store, Remote/Philadelphia, PA Jul 2016 – Sep 2019

- Doubled sales of vinyl roll-up signs by implementing a new stylish interface with built-in search bringing the most relevant signs to the top and supporting hundreds of different sign legends.
- Increased conversion rates of safety vests by 20% with enhanced site search and filtering capabilities that gave customers the ability to find products by size, color, material, and ANSI safety rating quickly.
- Created and maintained T-SQL views and stored procedures responsible for ecommerce storefront and admin backend.
- Tech: ASP.NET (C# MVC), SQL, React, jQuery, HTML/CSS/JS, Microsoft SQL Server, Elasticsearch, FluentMigrator

IT Applications Developer, Dechert LLP, Philadelphia, PA Jan 2011 – Jul 2016

- Boosted efficiency of General Counsel team saving over 10 hours per week with system to record ethical screens, manage access lists, and automatically secure digital documents & workspaces.
- Created 50+ SSRS reports using T-SQL stored procedures to deliver important business data to internal stakeholders.
- Tech: ASP.NET (VB Web Forms, C# MVC), SQL, HTML/CSS/JS, jQuery, Microsoft SQL Server, SSRS, SSIS, iManage

Associate Software Engineer, Coventry First, Fort Washington, PA Feb 2010 – Jan 2011

- Improved productivity of Contract Analysis department by enhancing key system, enabling more data to be captured, and efficiently complete tasks. Analyst daily calls increased 10-20% and reduced backlog.
- Tech: ASP.NET (VB Web Forms), VB.NET WinForms, SQL, HTML/CSS/JS, Microsoft SQL Server

Applications Developer, Capmark Financial Group, Inc., Horsham, PA Jan 2007 – Feb 2010

- Upgraded major finance application to ASP.NET 2.0 and SQL Server 2008, implementing new features from business requirements. Migrated T-SQL queries to views and stored procedures for improved performance.
- Tech: ASP.NET (VB Web Forms), HTML/CSS/JS, SQL, Microsoft SQL Server

.NET Developer, School of Tourism & Hospitality Management, Temple University, Philadelphia, PA Jun 2006 – Jan 2007

- Created ASP.NET web applications demonstrating and sharing knowledge for hospitality management professionals.
- Tech: ASP.NET (VB Web Forms), Classic ASP, HTML, SQL, Microsoft SQL Server

Projects

Pick For Me TV  [pickforme.tv](https://github.com/pickforme) 2022 - 2023

- Developed website to pick a random episode from a user-defined list of TV shows. Utilized TMDb (The Movie Database) REST API, Vue.js front end, and Express.js back end.

DD-WRT Mobile 2013 - 2016

- Wrote iOS app in Objective-C for configuring routers running third-party firmware DD-WRT.

Bry's Marine 2010 - 2014

- Developed custom interface for transmitting store inventory to manufacturer database searchable by all North American marine dealers. Part sales increased 10%, helping clear out older and obsolete parts.

Education

Temple University | College of Science & Technology

- Bachelor of Science, Information Science & Technology / Business Administration, magna cum laude.

High Technology High School | Web Development & Programming Track

- Named a "Star School" by NJ Department of Education, recipient of National Blue-Ribbon Award, and consistently ranked within the top 20 high schools of New Jersey & United States by multiple organizations.

Volunteer Work

International Student Volunteers - Australia

Eagle Scout Award - Boy Scouts of America